¡Felicitaciones! ¡Aprobaste!

Calificación recibida 100 % Para Aprobar 80 % o más

Ir al siguiente elemento

Week 2 Quiz

Calificación de la entrega más reciente: 100 %

1. What is a windowed dataset? 1 / 1 punto

- The time series aligned to a fixed shape
- There's no such thing
- A consistent set of subsets of a time series
- **A fixed-size subset of a time series**

Correcto

2. What does 'drop_remainder=true' do? 1 / 1 punto

- It ensures that the data is all the same shape
- It ensures that all rows in the data window are the same length by adding data
- **It ensures that all rows in the data window are the same length by cropping data**
- It ensures that all data is used

Correcto

3. What's the correct line of code to split an n column window into n-1 columns for features and 1 column for a label 1 / 1 punto

- dataset = dataset.map(lambda window: (window[n-1], window[1]))
- **dataset = dataset.map(lambda window: (window[:-1], window[-1:]))**
- dataset = dataset.map(lambda window: (window[-1:], window[:-1]))

- ◯ dataset = dataset.map(lambda window: (window[n], window[1]))

Correcto

4. What does MSE stand for? 1 / 1 punto

- ◯ Mean Second error
- ◯ Mean Slight error
- ◯ Mean Series error
- ◉ Mean Squared error

Correcto

5. What does MAE stand for? 1 / 1 punto

- ◯ Mean Average Error
- ◯ Mean Advanced Error
- ◉ Mean Absolute Error
- ◯ Mean Active Error

Correcto

6. If time values are in time[], series values are in series[] and we want to split the series into training and validation at time 1000, what is the correct code? 1 / 1 punto

- ◯ time_train = time[split_time]
  x_train = series[split_time]
  time_valid = time[split_time]
  x_valid = series[split_time]

- (●) time_train = time[:split_time]
  x_train = series[:split_time]
  time_valid = time[split_time:]
  x_valid = series[split_time:]

- ( ) time_train = time[:split_time]
  x_train = series[:split_time]
  time_valid = time[split_time]
  x_valid = series[split_time]

- ( ) time_train = time[split_time]
  x_train = series[split_time]
  time_valid = time[split_time:]
  x_valid = series[split_time:]

✓ Correcto

7. If you want to inspect the learned parameters in a layer after training, what's a good technique to use? 1 / 1 punto

- ( ) Decompile the model and inspect the parameter set for that layer
- ( ) Iterate through the layers dataset of the model to find the layer you want
- (●) Assign a variable to the layer and add it to the model using that variable. Inspect its properties after training
- ( ) Run the model with unit data and inspect the output for that layer

✓ Correcto

8. How do you set the learning rate of the SGD optimizer? 1 / 1 punto

- ( ) You can't set it
- ( ) Use the Rate property

- (●) Use the lr property
- ( ) Use the RateOfLearning property

Correcto

9. If you want to amend the learning rate of the optimizer on the fly, after each epoch, what do you do? 1 / 1 punto

- ( ) Use a LearningRateScheduler and pass it as a parameter to a callback
- ( ) Callback to a custom function and change the SGD property
- (●) Use a LearningRateScheduler object in the callbacks namespace and assign that to the callback
- ( ) You can't set it

Correcto